

Please Amend Claims 20, 21, 22, 23, 24, 25 and 28 and add new Claims 33-36 as follows:

20(Currently Amended). An electric motor, a transformer or component thereof obtained by a method comprising:

contacting the component with a coating composition comprising [at least one silica containing composition comprising] at least one silicate and silica and having a basic pH, and;

contacting said at least one treated motor lamination with molten aluminum.

21(Currently Amended). An electric motor or electric motor component defining at least one opening and comprising a steel substrate having a coating comprising[: 1) at least one silica containing composition comprising] at least one silicate and silica and having a basic pH and wherein the coated substrate is at least partially encapsulated by aluminum.

22(Currently Amended). An electric motor having at least one component wherein said component defines at least one opening and comprises a metal containing surface treated with a composition comprising [at least one silica containing compound or precursors thereof comprising] at least one silicate and silica having a basic pH, wherein said treated surface isolates said [substrate] component from an adjacent [metal molding] aluminum molding that at least partially embeds said component.

23(Currently Amended). An electric motor or an electric motor component defining at least one opening and comprising [having] at least one [a] metal containing substrate with a surface at least partially treated with a composition comprising silica and at least one silicate [containing compound or precursors thereof] and having a basic pH; wherein the treated surface functions to electrically insulate said substrate from an adjacent metal body.

24(Currently Amended). An electric motor or an electric motor component comprising at least one opening and [having] at least one [a] metal containing substrate with a surface at least partially contacted with a composition comprising silica and at least one silicate [containing compound or precursors thereof] and having a basic pH; wherein the [treated] contacted surface functions as a barrier between the substrate and an adjacent metal body that at least partially embeds said substrate.

25(Currently Amended). An electric motor, a transformer or component thereof defining at least one opening and obtained by a method comprising:
contacting the component with a coating composition comprising a combination comprising silica and at least one [silica containing composition] silicate and having a basic pH and,
contacting said component motor lamination with molten aluminum.

26(Previously Added). The component of Claim 25 wherein said composition further comprises at least one water soluble polymer.

27(Previously Added). The component of Claim 25 wherein the component comprises at least one member chosen from the group of at least one electric motor laminates, electric motor stacked rotor laminates, electric motor stator, transformer laminates and stacked transformer laminates.

28(Currently Amended). The component of Claim 25 wherein [the borate containing composition comprises boric acid and sodium tetraborate] said at least one silicate comprises sodium silicate.

29(Previously Added). The component of Claim 25 wherein said composition forms an electrically resistive coating.

30(Previously Added). The component of Claim 25 wherein said composition further comprises ferromagnetic particles.

31(Previously Added). The component of Claim 25 wherein said composition further comprises at least one member chosen from the group of boron nitride, aluminum nitride, silicon carbide, silicon nitride and carbon.

32(Previously Added). The component of Claim 25 further comprising at least one carrier wherein said carrier comprises at least one water soluble polymer comprising at least one member chosen from the group of urethanes and acrylics.

33(New). A steel electric motor component defining at least one opening and treated with a composition comprising silica and at least one silicate and having a basic pH; wherein the treated surface electrically insulates the component from and reacts with molten aluminum that at least partially embeds said component.

34(New). The electric motor component of Claim 33 wherein said at least one silicate comprises sodium silicate.

35(New). The electric motor component of Claim 33 wherein said treated surface has an electrical resistance of greater than 1.0 milli-ohm.

36(New). The electric motor component of Claim 33 wherein said composition further comprises ferromagnetic material.